

PAT-ADD DA 934

Product Data Sheet

Rev 01

April 2018



Product Features

PAT-ADD DA 934 is a polymeric dispersing additive for industrial solvent-borne paints and pigment concentrates.

PAT-ADD DA 934 is specially designed for highly concentrated pigment dispersions for in-plant tinting purposes. PAT-ADD DA 934 provides extremely low millbase viscosities and high dispersion transparency.

Although designated as a dispersing additive for pigment concentrates, PAT-ADD DA 934 is particularly effective for furnace carbon blacks and transparent organic pigments.

Main benefits are:

- Excellent dispersant for highly pigmented tinters
- Extremely effective for furnace carbon blacks, for extreme jettness and blue undertone
- Provides excellent color development and transparency
- Excellent paint performance, without degrading coating film properties
- For automotive refinishes, automotive/OEM, general industrial coatings, coil coatings, wood coatings, pigment concentrates and silk screen printing inks

Physical Characteristics:

Appearance	: Clear to slightly hazy yellowish liquid
Viscosity @ 25°C	: 200 - 700 cPs
Specific gravity @ 25°C	: 0.990 – 1.020
Amine value	: approx. 13 mg of KOH/gm
Composition	: polymeric polyurethane with cationic pigment affinic groups
Solvents	: xylene, 1-methoxy-2-propyl acetate
%Solids content(120°C/1hr)	: 46-48%

“Physical parameters indicated here in product data sheet are typical properties and not specification limits or range.”

Properties:

PAT-ADD DA 934 is a polymeric dispersing additive with strong adsorption onto a wide variety of pigment surfaces, contributing to improved dispersion stability, low viscosity pigment dispersions and high transparency of fine particle size pigments.

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Dosage & Addition

The optimal amount of PAT-ADD DA 934 is system related, generally between 10 and 15% on the total weight of pigment concentrate. For ready mixed paints, dosages of approx. 1 to 4% are suggested. The product is best added to the mill-base prior to the pigments.

For carbon blacks a dosage of 20 to 60% (active ingredient) on pigment is recommended. The optimum concentration to be used depends on the individual formulation and best determined using a ladder study.

End Use Application

PAT-ADD DA934 is suitable for solvent borne Wood coatings, automotive refinish, general industrial coatings, and pigment concentrates.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened original containers as shipped by Patcham when stored in frost free warehouse.

Storage, transportation, safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

Packing size

Drum: - 200.0 kgs, Can: - 25.0 kgs.

Disclaimer:

While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.